

AMENDMENTS TO THE SPECIFICATION

Please amend the specification as follows:

After the Title, please delete the word "description" and replace it with the headings as follows:

Description

BACKGROUND OF THE INVENTION

(1) Field of the Invention

[0001] The invention relates to a lathe ~~in accordance with the preamble of claim 1~~ with a vertically positioned motor-driven work spindle on whose lower end are positioned workpiece clamps, with an initial compound slide system by means of which the work spindle can move vertically in the Z1 direction and horizontally in the X1 direction, with at least one initial stationary tool holder, and with at least one second tool holder which can execute an advancing action in at least one direction during the machining process, while the advancing movement of the second tool holder is independent of the control of the first compound slide system.

Insert between Paragraphs [0001] and [0002] the following:

(2) Description of Related Art

Insert between Paragraphs [0003 and [0004] the following:

SUMMARY OF THE INVENTION

[0005] The invention achieves this goal with a machine tool exhibiting the features of ~~claim 1~~ a second tool holder which can be moved in a controlled fashion along two axes by a second compound slide system and in which the movement of the second tool holder is synchronized with the movement of the first compound slide system in such a way that the movement of the second tool holder is an arithmetic overlay of the movement of the first compound slide system and the relative movement between the workpiece and the second tool holder.

[0006] Advantageous embodiments of the invention are ~~indicated in the secondary claims~~ the axes of movement of the first compound slide system and the axes of movement of the second compound system run parallel to each other. The second tool holder and any additional tool holders are positioned on a turret holder plate, and the corresponding guides and their drives are consolidated into a structural module. A machine tool table with two columns is provided, a work space is positioned between the two columns, and the first tool holder and the structural module for the second tool holder are positioned between the columns on opposite sides of the work space.

Insert between Paragraphs [0010] and [0011] the following:

BRIEF DESCRIPTION OF THE DRAWINGS

Insert between Paragraphs [0016] and [0017] the following:

DETAILED DESCRIPTION OF THE INVENTION